

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
SPEN-15

SERIAL NO.
09/557,562 ✓

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Paul A. Spence

FILING DATE
April 25, 2000

GROUP
3736

(37 CFR 1.98(b)) (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MB</i>	9 3 5 0 6 8	5/1960	Donaldson	128	348	
<i>MB</i>	A.B 5 7 4 3 8 4 5	4/1998	Runge	600	16	
	A.C					
	A.D					
	A.E					
	A.F					
	A.G					
	A.H					
	A.I					
	A.J					
	A.K					

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
<i>MB</i>	A.L WO 97/42413	✓ 11/1997	PCT	1	1	
<i>MB</i>	A.M WO 99/59652	✓ 11/1999	PCT	1	1	
	A.N					
	A.O					
	A.P					
	A.Q					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
	A.T	

EXAMINER

Mark Buchel

DATE CONSIDERED

3-8-02

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	A.A	3 1 9 5 5 4 0	7/1965	Waller	128	422	
	A.B	3 9 4 2 5 3 5	3/1976	Schulman	128	419	
	A.C	4 7 9 0 8 2 5	12/1988	Bernstein et al.	604	170	
	A.D	4 9 9 5 8 5 7	2/1991	Arnold	600	16	
	A.E	5 1 7 1 2 1 8	12/1992	Fonger et al.	604	164	
	A.F	5 1 9 0 5 2 8	3/1993	Fonger et al.	604	171	
	A.G	5 2 9 0 2 2 7	3/1994	Pasque	600	16	
	A.H	5 3 4 4 4 4 3	9/1994	Palma et al.	623	3	
	A.I	5 5 4 5 1 9 1	8/1996	Mann et al.	607	57	
	A.J	5 6 9 5 4 7 1	12/1997	Wampler	604	131	
MB	A.K	5 7 0 4 8 9 1	1/1998	Mussivand	600	16	

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	A.L					
	A.M					
	A.N					
	A.O					
	A.P					
	A.Q					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

MB	A.R	R. J. Baird, M.D. et al., <u>Survey of Mechanical Assistance of the Circulation and the Present Status of Left-Heart Bypass</u> , Article, 1965
	A.S	R. J. Baird F.R.C.S.(C) et al., <u>Le Support Mechanique Du Ventricle Gauche</u>, Article, December 1964
MB	A.T	World Heart Corporation, <u>World Heart</u> , 1998 Annual Report

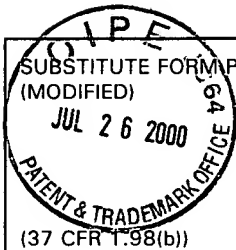
EXAMINER

Mark Brach

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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	B.A	5	7	1	1	7	5	3	1/1998	Pacella et al.	600	16	
	B.B	5	7	3	8	6	4	9	4/1998	Macoviak	604	43	
	B.C	5	7	4	1	3	1	6	4/1998	Chen et al.	607	61	
	B.D	5	8	4	0	0	7	0	11/1998	Wampler	604	131	
	B.E	5	8	5	8	0	0	9	1/1999	Jonkman	604	264	
	B.F	5	9	2	4	8	4	8	7/1999	Izraelev	417	420	
	B.G	5	9	3	8	4	1	2	8/1999	Izraelev	417	423.7	
	B.H	5	9	4	1	8	1	3	8/1999	Sievers et al.	600	16	
	B.I	5	9	4	7	8	9	2	9/1999	Benkowski et al.	600	16	
	B.J	5	9	4	8	0	0	6	9/1999	Mann	607	61	
MB	B.K	5	9	6	5	0	8	9	10/1999	Jarvik et al.	422	44	

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	B.S	
	B.T	

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Mark Bachman

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